

Table 1. Environmental flow studies funded to support adaptive management of the Senate Bill 3 Process, 2014 – 2017. Reports can be obtained from the TWDB website: http://www.twdb.texas.gov/publications/reports/contracted_reports/index.asp.

Studies Separated by Basin		TWDB Contract Number
<i>Trinity and San Jacinto Rivers and Galveston Bay</i>		
1	Defining bioindicators for freshwater inflow needs studies: Phase I	1400011695
2	LiDAR acquisition and flow assessment for the Middle Trinity River	1400011696
3	Determination of freshwater inflow volume from the Trinity River into Galveston Bay, May 2014 – August 2015	1400011697
4	An evaluation of the variability of sediment and nutrient loading into Galveston Bay from the Trinity River watershed	1600011927
5	Evaluation of adopted flow standards for the Trinity River	1600011940
6	Defining bioindicators for freshwater inflow needs studies: Phase II – The health of the bay	1600011941
<i>Brazos River and Associated Bay and Estuary System</i>		
7	Instream flows research and validation methodology framework and Brazos Estuary characterization	1400011722
8	Validation or refinement of the adopted TCEQ environmental flow standards for the Brazos River	1600012009
<i>Colorado and Lavaca Rivers and Matagorda and Lavaca Bays</i>		
9	Studies to evaluate achievement of freshwater inflow standards and ecological response	1400011715
10	Evaluation of freshwater delivery alternatives to East Matagorda Bay	1400011759
11	Improve simulation of groundwater/surface water interaction in the Groundwater Management Area 12 groundwater availability model	1548304853
12	An evaluation of the variability of sediment and nutrient loading into Matagorda Bay from the Colorado River	1600011927
13	Validation or refinement of the adopted TCEQ standards for the Colorado and Lavaca rivers	1600012010
14	Evaluation of rainfall-runoff patterns in the Upper Colorado River Basin	1600012011
<i>Guadalupe, San Antonio, Mission, and Aransas Rivers and Mission</i>		
15	Instream flows research and validation methodology framework	1400011709
16	Guadalupe Bayou flow and inundation study	1400011710
17	<i>Rangia</i> clam investigations	1400011711
18	Assessing the effects of freshwater inflows and other key drivers on the population dynamics of blue crab and white shrimp using a multivariate time series modeling framework: Phase I	1400011712

19	Strategy options for meeting attainment frequencies for the estuaries	1400011713
20	An evaluation of the variability of sediment and nutrient loading into San Antonio Bay from the Guadalupe/San Antonio River	1600011927
21	Continuation of instream flows research and validation methodology framework	1600011937
22	Assessing the effects of freshwater inflows and other key drivers on the population dynamics of blue crab and white shrimp using a multivariate time series modeling framework: Phase II	1600011966
<i>Nueces River and Corpus Christi and Baffin Bays</i>		
23	Re-examination of the 2001 Agreed Order monthly targets and safe yield versus current demand evaluations: Phase I	1400011716
24	Using landform and hydraulic modifications to increase the benefit of freshwater inflows to Nueces Bay and Nueces Delta: Phase I	1400011717
25	Nueces watershed pre- and post-development nutrient budgets	1400011718
26	Modeling salinity fluxes in the Nueces delta	1400011719
27	Nueces Bay circulation assessment project	1600011935
28	Identify vegetation/marsh changes occurring in the Rincon Bayou Delta and the relationship of those changes to freshwater inflow	1600011971
29	Using landform and hydraulic modifications to increase the benefit of freshwater inflows to Nueces Bay and Nueces Delta: Phase II: Verification and feasibility assessment for landform modifications in the Nueces Delta	1600012013
30	Re-examination of the 2001 Agreed Order monthly targets: Phase 2	1600012014
31	Nutrient Budget for Nueces Bay	1600012015
32	Alternative methods to add freshwater to the Nueces Delta	1600012016
33	An evaluation of the variability of sediment and nutrient loading into Nueces Bay from the Nueces River	1600011927